



Crop Weather Report

Issue: 08-11
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Monthly: Nov-Mar

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For the Week Ending:
May 25, 2008

Weather Summary

Almost all areas of the state received above normal precipitation for the week ending May 25th. Grass Range had the most moisture with 5.69 inches, and Valentine had the second most with 4.72 inches. Highs were mostly in the 70s and 80s, and lows were mostly in the 30s and 40s. Wolf Point and Miles City shared the high temperature of 91 degrees, and Boulder had the low temperature of 29 degrees. Topsoil moisture adequate and surplus, at 79 percent, is below last year's 87 percent, but is above last week's 43 percent and the five-year average of 72 percent. Subsoil moisture adequate and surplus is 46 percent, below last year's 73 percent and the five-year average of 53 percent, but above last week's 25 percent. The number of days suitable for field work was 2.8 days.

The weather outlook for June 3rd through June 9th is for near normal temperatures and above normal precipitation east of the continental divide and for near normal temperatures and near normal precipitation west of the divide. Normal temperatures for this period in Montana are highs in the mid 60s to the upper 70s and lows in the mid 30s to the lower 50s.

Soil Moisture Table	This Week	Last Week	Last Year	5 Yr Avg
Topsoil Moisture				
Very Short	6	21	2	6
Short	15	36	11	22
Adequate	63	42	71	64
Surplus	16	1	16	8
Subsoil Moisture				
Very Short	24	40	5	16
Short	30	35	22	31
Adequate	43	24	65	50
Surplus	3	1	8	3

Livestock Report

Some concerns on the shortage of stockwater have been alleviated from the recent rainfall. Ranchers have already seen losses to pastures and hay fields from lack of earlier moisture and hot temperatures. The rain from the past week will hopefully help the growth of pastures.

Range & Livestock Table	This Week	Last Week	Last Year	5 Yr Avg
Range and Pasture Feed Condition				
Very Poor	10	13	1	7
Poor	22	21	5	14
Fair	40	32	26	31
Good	21	27	45	36
Excellent	7	7	23	12
Moved to Summer Ranges				
Cattle & Calves	69	51	70	n/a
Sheep & Lambs	65	51	67	n/a
Receiving Supplemental Feed				
Cattle & Calves	19	37	n/a	n/a
Sheep & Lambs	19	32	n/a	n/a
Livestock Grazing				
Open	95	90	n/a	n/a
Difficult	3	8	n/a	n/a
Closed	2	2	n/a	n/a
Livestock Birthing				
Lambing Complete	96	92	94	94

Field Work Table	This Week	Last Week	Last Year	5 Yr Avg
Days Suitable for Fieldwork				
Days	2.8	5.9	3.4	4.7
Field Tillage Work in Progress				
None	4	4	n/a	n/a
Just Started	4	8	n/a	n/a
Well Underway	92	88	n/a	n/a

Field Crops Report

Recent moisture should improve crop conditions in the short run, but more will be needed for good crop development. Winter wheat condition improved from the previous week, but is still below last year and the five-year average. Both barley and spring wheat conditions are below last year and the five-year averages.

Crop Progress and Condition Table	This Week	Last Week	Last Year	5 Yr Avg
Planted				
Barley	96	94	97	95
Durum Wheat	91	83	87	78
Oats	85	80	91	88
Spring Wheat	96	93	95	94
Lentils	90	88	95	n/a
Corn	91	59	90	84
Emerged				
Barley	73	51	80	77
Durum Wheat	54	43	50	45
Oats	60	39	71	65
Spring Wheat	67	52	75	70
Dry Peas	72	62	74	n/a
Lentils	64	47	50	n/a
Corn	54	14	72	48
Boot Stage				
Winter Wheat	10	9	33	25

Crop Progress and Condition Table	This Week	Last Week	Last Year	5 Yr Avg
Winter Wheat				
Very Poor	6	14	1	3
Poor	18	26	2	10
Fair	44	36	22	32
Good	29	20	44	40
Excellent	3	4	31	15
Barley				
Very Poor	2	n/a	0	1
Poor	3	n/a	2	3
Fair	34	n/a	15	32
Good	57	n/a	68	55
Excellent	4	n/a	15	9
Spring Wheat				
Very Poor	3	n/a	0	1
Poor	5	n/a	2	3
Fair	62	n/a	26	32
Good	27	n/a	58	59
Excellent	3	n/a	14	5

THIS INFORMATION IS ALSO AVAILABLE ON THE INTERNET AT: <http://www.nass.usda.gov/mt/>

Weather Information for the Week ending 05/25/2008

Station ID						Precipitation							
	Temperature			GDDs		This Week		April 1 to Date			October 1 to Date		
	Hi	LOW	AVG	B50	DFN	Total	DFN	Total	DFN	%NRM	Total	DFN	%NRM
NORTHWEST													
Alberton	84	42	55	41	+5	0.98	+0.49	2.03	-0.63	76	11.31	+2.89	134
Anaconda	80	34	50	28	+4	1.37	+0.93	2.77	+0.14	105	9.24	+2.18	131
Clinton	78	38	50	23	+4	1.64	+1.22	2.88	+0.45	119	11.43	+1.48	115
Corvallis	78	41	54	32	-7	0.75	+0.33	1.10	-1.29	46	5.43	-1.23	82
Creston	77	43	54	32	+1	0.32	-0.31	2.50	-1.24	67	6.32	-5.67	53
Deer Lodge	80	37	50	26	+7	0.63	+0.14	1.30	-0.95	58	3.70	-0.99	79
Drummond	81	34	50	23	-6	1.77	+1.28	2.89	+0.31	112	7.63	+0.52	107
Hamilton	81	40	55	44	+8	1.10	+0.68	2.58	+0.11	104	5.93	+0.55	110
Kalispell	84	45	57	49	+21	0.50	+0.01	1.79	-1.04	63	6.87	-3.78	65
Missoula	85	44	57	55	+19	0.93	+0.44	1.57	-1.09	59	6.30	-2.12	75
Olney	82	36	52	27	+6	0.10	-0.46	1.02	-2.17	32	13.74	-1.29	91
Polson	80	41	57	49	+8	0.94	+0.38	2.74	-0.48	85	7.05	-2.63	73
St Ignatius	79	43	54	32	-12	1.21	+0.58	2.75	-0.77	78	6.80	-2.96	70
Seeley Lake	83	39	52	29	+8	0.74	+0.25	1.90	-0.73	72	12.57	-1.62	89
Sula	79	38	50	20	+6	0.88	+0.32	2.34	-0.97	71	8.10	-1.32	86
Superior	81	40	56	46	-1	1.11	+0.68	1.92	-0.74	72	11.05	+0.04	100
Swan Lake	81	41	53	32	+9	0.50	-0.13	3.38	-0.33	91	19.99	-0.29	99
Thompson Falls	83	42	56	47	-7	0.43	-0.13	2.03	-1.30	61	18.19	+1.33	108
West Glacier	82	41	54	31	+3	1.59	+0.93	4.24	+0.35	109	22.42	+2.91	115
NORTH CENTRAL													
Chester	89	42	55	45	+5	2.28	+1.82	3.29	+1.18	156	4.92	+0.41	109
Chinook	89	43	57	52	+1	3.18	+2.62	4.64	+1.78	162	6.87	+0.93	116
Choteau	78	40	53	33	-5	3.80	+3.31	5.00	+2.69	216	7.36	+3.27	180
Cut Bank	83	42	54	37	+14	3.70	+3.14	3.98	+1.31	149	4.91	-0.22	96
Ft Assinniboine	89	43	57	49	-1	1.97	+1.41	2.98	+0.23	108	4.66	-1.34	178
Fort Benton	86	42	55	43	-16	3.14	+2.58	5.12	+2.08	168	7.63	+0.91	114
Goldbutte	74	41	52	26	-5	2.58	+2.03	4.47	+1.66	159	6.75	+0.79	113
Harlem	87	43	57	55	+5	0.69	+0.20	1.47	-0.86	63	2.93	-1.87	61
Havre	89	47	58	57	+10	1.66	+1.21	2.71	+0.37	116	4.19	-1.28	77
Malta	87	47	60	71	+21	1.93	+1.37	3.22	+0.54	120	6.89	+1.24	122
Rudyard	89	43	56	46	+6	2.29	+1.80	4.24	+1.94	184	4.93	+0.79	119
Shelby	71	41	52	29	-3	2.79	+2.23	4.36	+1.57	156	5.65	-0.10	98
Turner	85	42	57	55	+14	1.62	+1.15	2.93	+1.02	153	4.15	-0.02	100
Valier	75	40	52	33	-4	4.05	+3.48	4.56	+1.87	170	6.58	+1.56	131
NORTHEAST													
Bredette	76	38	55	38	-18	0.31	-0.18	2.13	-0.18	92	4.92	+0.18	104
Culbertson	86	35	59	66	-1	0.27	-0.27	1.22	-1.35	47	3.44	-1.83	65
Glasgow	90	47	61	77	+20	0.85	+0.42	3.49	+1.39	166	5.80	+1.13	124
Glendive	87	46	62	83	+15	0.44	-0.07	3.63	+0.81	129	5.44	-0.61	90
Jordan	87	44	59	61	+5	1.53	+0.97	3.92	+1.17	143	7.28	+1.20	120
Nashua	85	45	62	81	+9	0.69	+0.27	3.90	+1.54	165	5.97	+1.31	128
Opheim	84	41	57	52	+13	0.36	-0.18	1.58	-0.67	70	3.82	-0.57	87
Plentywood	77	37	58	55	-4	1.03	+0.54	1.85	-0.42	81	4.00	-1.05	79
St Marie	86	45	59	66	+9	0.90	+0.47	2.82	+0.72	134	4.83	+0.16	103
Scobey	78	35	58	60	+13	1.19	+0.73	2.97	+0.83	139	5.90	+1.48	133
Sidney	81	41	61	77	+4	0.54	+0.02	2.44	-0.23	91	4.22	-1.94	69
Wolf Point	91	39	62	88	+17	0.64	+0.20	2.38	+0.28	113	3.87	-0.89	81
CENTRAL													
Cascade	75	31	50	27	+6	3.53	+2.85	6.00	+2.60	176	10.60	+3.66	153
Grass Range	83	40	54	42	+5	5.69	+4.92	7.49	+3.56	191	11.45	+3.22	139
Great Falls	84	43	55	43	+12	2.58	+1.95	4.50	+1.06	131	7.33	-0.54	93
Harlowton	84	37	52	32	+0	4.27	+3.71	5.84	+2.78	191	9.99	+3.55	155
Helena	87	43	58	61	+23	2.07	+1.65	3.05	+0.71	130	5.59	+0.10	102
Lewistown	82	41	53	38	+13	4.12	+3.41	5.24	+1.53	141	7.96	-1.04	88
Martinsdale	82	37	52	36	+16	3.66	+3.11	4.63	+1.66	156	8.12	+1.81	129
Neihart	78	32	49	23	+4	3.30	+2.46	6.00	+1.32	128	13.17	+2.07	119
Rogers Pass	82	36	52	39	+15	4.07	+3.27	5.05	+0.77	118	8.60	-0.90	91
Roundup	90	43	58	62	+9	3.78	+3.22	5.44	+2.24	170	8.09	+1.60	125
Ryegate	87	40	53	39	+9	3.98	+3.49	5.06	+2.43	192	8.10	+2.27	139
Stanford	80	39	52	36	+4	4.26	+3.56	5.36	+1.52	140	8.96	+0.64	108
Townsend	84	43	56	51	+9	1.44	+1.01	2.32	+0.25	112	4.51	-0.05	99
Valentine	89	45	57	51	+12	4.72	+4.06	6.41	+2.93	184	9.10	+2.20	132
Wht Sulphur Spr	80	35	51	33	+12	1.84	+1.28	3.23	+0.19	106	6.90	+0.24	104
SOUTHWEST													
Boulder	82	29	51	42	+19	1.55	+1.06	2.79	+0.41	117	5.46	+0.24	105
Bozeman	83	33	52	40	+8	2.58	+1.81	6.05	+1.38	130	14.62	+3.45	131
Butte	82	34	49	31	+16	0.88	+0.39	1.89	-0.76	71	4.07	-2.36	63
Dillon	84	33	53	40	+15	1.77	+1.35	2.59	+0.18	107	5.52	+0.87	119
Ennis	81	35	51	34	+8	1.29	+0.75	4.18	+1.12	137	9.30	+2.32	133
Lakeview	80	36	52	30	+25	1.17	+0.54	2.77	-0.85	77	10.30	-0.71	94
W Yellowstone	80	35	50	29	+27	1.68	+1.16	3.66	+0.41	113	15.36	+0.90	106
Wisdom	78	30	49	18	+15	0.65	+0.23	2.16	-0.20	92	7.86	+1.43	122
SOUTH CENTRAL													
Billings	89	42	59	66	+10	3.83	+3.27	4.73	+0.96	125	8.69	-0.32	96
Cooke City	78	35	51	31	+31	2.13	+1.49	3.47	-0.44	89	8.79	-7.14	55
Gardiner	79	36	53	35	-4	0.66	+0.24	1.39	-0.61	70	5.21	+0.02	100
Hardin	90	44	60	72	+4	3.26	+2.78	4.46	+1.44	148	7.38	+0.34	105
Huntley	90	43	58	60	+12	3.84	+3.28	5.16	+1.60	145	9.10	+1.13	114
Hysham	87	48	60	72	+12	2.87	+2.26	5.01	+1.61	147	8.08	+0.74	110
Joliet	87	38	55	44	+1	3.13	+2.46	4.98	+0.55	112	9.12	-0.89	91
Livingston	85	38	54	47	+15	2.40	+1.70	5.05	+1.17	130	8.73	+0.34	104
Nye	83	34	52	35	+4	3.86	+3.14	6.41	+1.89	142	11.61	+1.77	118
Rapelje	86	39	54	39	+1	4.31	+3.68	5.60	+1.70	144	9.16	+0.54	106
SOUTHEAST													
Albion	84	41	55	43	+1	2.90	+2.27	7.62	+3.97	209	10.47	+3.75	156
Baker	85	40	57	47	-7	0.98	+0.42	5.39	+2.16	167	6.65	-0.63	91
Broadus	86	43	59	62	+3	2.52	+1.96	6.55	+3.13	192	8.52	+0.96	113
Ekalaka	78	41	55	37	-16	1.68	+1.04	7.83	+3.83	196	10.52	+1.62	118
Miles City	91	48	61	77	+9	1.49	+0.96	3.31	+0.15	105	3.93	-2.78	59
Plevna	78	39	56	46	-8	0.85	+0.29	5.49	+2.26	170	7.09	-0.19	97
Compiled by AWIS Inc. based on NWS data. DFN-Departure from normal 1970-2000. GDD-Growing degree days													